

02153780 CLARKS FORK CREEK NEAR SMYRNA, SC

LOCATION.--Lat 35°04'45'', long 81°23'17'', York County, Hydrologic Unit 03050105, near right bank, at downstream side of bridge on State Highway 55, 3.0 mi northeast of Smyrna and 10.1 mi northwest of York.

DRAINAGE AREA.--24.1 mi².

PERIOD OF RECORD.--October 1980 to current year.

GAGE.--Data collection platform. Elevation of gage is 565 ft above sea level (from topographic map).

REMARKS.--Records good except for estimated daily discharges, which are poor.

DISCHARGE, CUBIC FEET PER SECOND, WATER YEAR OCTOBER 2000 TO SEPTEMBER 2001
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	1.5	1.8	2.6	3.5	4.9	6.8	26	8.3	13	3.7	3.9	1.4
2	1.4	1.8	2.6	3.6	4.7	6.2	19	8.2	14	3.0	3.2	1.4
3	1.3	1.9	2.6	3.9	4.5	6.6	20	8.0	6.7	2.7	2.9	1.7
4	1.2	2.0	2.4	3.8	4.3	32	20	7.6	5.1	24	2.7	12
5	1.2	3.1	2.3	3.6	4.4	20	16	7.6	4.5	22	3.0	8.6
6	1.2	2.3	2.4	3.8	4.5	12	15	7.5	4.2	5.7	2.7	3.3
7	1.2	1.9	2.6	3.9	4.3	8.8	15	7.2	3.8	3.7	2.5	2.2
8	1.3	2.1	2.6	5.5	4.1	7.8	14	6.7	3.9	3.3	2.4	1.8
9	1.2	3.4	2.7	6.4	4.1	7.4	13	7.0	4.4	3.4	2.2	1.5
10	1.2	7.1	2.7	5.2	5.7	6.7	12	7.2	4.1	3.2	2.2	1.5
11	1.4	3.4	2.7	4.3	5.5	6.1	12	7.1	3.7	2.8	2.0	1.5
12	1.4	2.4	2.8	6.6	4.7	6.5	12	6.6	3.6	2.5	1.9	1.4
13	1.5	2.2	2.6	8.3	4.8	11	11	6.5	3.6	30	1.8	1.3
14	1.4	3.0	3.2	6.9	6.3	8.2	11	5.8	3.7	7.1	2.8	1.2
15	1.4	3.7	4.0	6.9	6.0	36	11	5.7	3.9	3.9	2.1	1.1
16	1.6	3.0	9.1	6.3	5.5	32	11	5.4	6.4	3.0	1.8	1.1
17	1.5	3.7	20	3.9	16	16	9.9	5.2	3.9	2.6	1.7	1.1
18	1.6	4.0	10	3.6	12	12	9.4	5.4	3.1	2.5	1.6	1.1
19	2.0	4.3	6.9	14	7.6	8.9	9.4	5.2	2.8	2.4	1.5	1.1
20	2.7	7.3	5.6	36	6.5	28	9.5	4.9	2.5	3.0	1.5	1.1
21	2.0	5.3	4.6	15	6.1	123	9.4	5.1	2.4	2.7	1.3	1.1
22	1.9	3.6	4.2	8.8	9.3	33	9.4	6.6	2.4	2.4	1.3	1.1
23	1.9	2.9	3.9	7.1	9.9	18	9.2	9.0	2.6	2.2	1.2	1.2
24	2.1	2.7	3.6	6.2	7.6	13	9.2	5.8	2.6	2.5	1.2	5.0
25	1.9	5.2	3.5	e4.8	11	12	14	6.0	13	3.7	1.2	3.3
26	2.0	8.2	3.4	e4.6	16	10	11	6.8	14	6.7	1.2	1.7
27	1.9	5.3	3.3	e4.5	9.4	8.8	9.2	5.6	6.2	4.3	1.2	1.6
28	2.1	3.9	3.6	e4.4	7.7	8.3	8.8	6.6	3.8	3.4	1.1	e1.4
29	2.2	3.2	3.5	e4.5	---	183	8.6	9.0	3.1	20	1.2	e1.3
30	2.1	2.9	3.2	5.9	---	147	8.2	6.5	3.3	17	1.2	e1.2
31	2.0	---	3.3	6.2	---	40	---	5.0	---	5.7	1.3	---
TOTAL	51.3	107.6	132.5	212.0	197.4	875.1	373.2	205.1	154.3	205.1	59.8	66.3
MEAN	1.65	3.59	4.27	6.84	7.05	28.2	12.4	6.62	5.14	6.62	1.93	2.21
MAX	2.7	8.2	20	36	16	183	26	9.0	14	30	3.9	12
MIN	1.2	1.8	2.3	3.5	4.1	6.1	8.2	4.9	2.4	2.2	1.1	1.1
CFSM	.07	.15	.18	.28	.29	1.17	.52	.27	.21	.27	.08	.09
IN.	.08	.17	.20	.33	.30	1.35	.58	.32	.24	.32	.09	.10

STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1981 - 2001, BY WATER YEAR (WY)

MEAN	14.8	16.7	20.0	33.5	37.6	40.7	27.7	18.0	13.5	8.57	10.9	6.86
MAX	91.8	60.1	54.9	82.5	66.8	94.5	58.7	37.1	36.8	30.7	47.8	17.5
(WY)	1991	1986	1984	1993	1984	1993	1998	1984	1992	1984	1985	1995
MIN	1.65	3.59	4.27	6.84	7.05	13.6	11.7	6.62	4.11	2.26	.68	1.53
(WY)	2001	2001	2001	2001	2001	1988	1986	2001	1988	2000	1999	1999

SANTEE RIVER BASIN

02153780 CLARKS FORK CREEK NEAR SMYRNA, SC--Continued

SUMMARY STATISTICS	FOR 2000 CALENDAR YEAR	FOR 2001 WATER YEAR	WATER YEARS 1981 - 2001
ANNUAL TOTAL	3913.66	2639.7	20.7
ANNUAL MEAN	10.7	7.23	37.5
HIGHEST ANNUAL MEAN			1993
LOWEST ANNUAL MEAN			2001
HIGHEST DAILY MEAN	374	Mar 20	7.23
LOWEST DAILY MEAN	.82	a Aug 16	.10
ANNUAL SEVEN-DAY MINIMUM	.86	Aug 13	.43
MAXIMUM PEAK FLOW		1.1	2100
MAXIMUM PEAK STAGE		1.1	Aug 27 1995
ANNUAL RUNOFF (CFSM)	.44	1.1	Aug 27 1995
ANNUAL RUNOFF (INCHES)	6.04	1.1	
10 PERCENT EXCEEDS	19	1.1	
50 PERCENT EXCEEDS	4.6	1.1	
90 PERCENT EXCEEDS	1.2	1.1	

a Also occurred Aug. 17.

b Also occurred Sep. 15-22.

e Estimated

